## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Guillermo J. TEARNEY et al.

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For : SYSTEM AND METHOD FOR IDENTIFYING TISSUE USING

LOW-COHERENCE INTERFEROMETRY

Examiner : Iman K. Kholdebarin

Art Unit : 3737

Confirmation No. : 1546

Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria. VA 22313-1450

## AMENDMENT AFTER NON-FINAL OFFICE ACTION

Sir

This paper is filed in response to a non-final Office Action dated November 8, 2007. Initially, please amend the above-identified application as set forth below.

## In The Drawings:

Please replace the originally-filed Fig. 2 with the amended Fig. 2, which is provided herewith on a separate "Replacement Sheet."

## In The Claims:

Please amend claim 41 as provided below in the associated claim listing on separate sheets: